

SECTION C

C.1 GENERAL INFORMATION A-E (IDTC'S)

Description: INDEFINITE DELIVERY-TYPE CONTRACT For
Multi-Discipline Engineering Services for the Baltimore District

Design Services:

- a. Permits: The A-E shall identify all necessary permits, licenses and approvals needed from all local, State and Federal authorities required during the design. Permits which are the responsibility of the A-E shall be obtained during the design stage, (e.g. permits associated with stormwater management, erosion and sediment control, and the National Pollutant Elimination Discharge Permit). Those permits, which are the responsibility of the construction contractor, should be identified in Section 1, Job Conditions, of the contract specifications. Should it become necessary in the performance of the work and services for the A-E to secure the right of ingress and egress to perform any of the work on properties not owned or controlled by the Government, the Government shall secure the consent of the owner, his representative, or agent, prior to the A-E's effecting entry on such property. The A-E shall coordinate all rights-of-entry through the project manager.
- b. A-E services: The A-E under each task order shall perform all work required accomplishing the intent of such task order, and unless otherwise specifically provided therein, shall perform the required services, which may include the following:
 - (1) Studies: Consisting of investigations, survey of existing conditions, identification of hazardous material requiring removal and/or abatement, drawings, and sketches and cost estimates.
 - (2) Reports: Consisting of discussions of the study and investigation, description of all plans and schemes considered for obtaining the desired end result of the study. All drawings and sketches are required to present and illustrate the details and results of the study. Required estimates of construction costs, including comparative costs for indicated alternate plans and schemes and results conclusions, and any recommendations.
 - (3) Preparation of project programming documents such as DD Forms 1391 and accompanying documents.
 - (4) Concept designs and site plans.
 - (5) Basis-of-Design.
 - (6) Outline Specifications.
 - (7) Concept Cost Estimates.
 - (8) Final Design.
 - (9) Final Design Analyses.
 - (10) Contract Drawings.
 - (11) Contract Specifications.
 - (12) Quantity Surveys and Cost Estimates.
 - (13) Engineering Advice during Construction Period.
 - (14) Record Drawings.

- (15) Survey and inspect structures, utilities, pavements, and impoundment structures and develop reports detailing recommended maintenance or repairs; and perform detailed land surveys, geotechnical investigations and topographic surveys as required in support of assigned work.
- (16) Products are not required to be performed using a specific CADD system. Design drawings will be produced in a format fully compatible with AutoCADD Release 13 on compact disks.

Construction Management Services:

- a. The A-E shall review shop drawings within a specified number of calendar days after approval of the final design. This requires checking and approving all shop drawings in connection with the construction work, to assure that they conform drawings and specifications, manually approving those drawings which are satisfactory, and furnishing exceptions in writing as to those drawings which are disapproved. The A-E shall analyze and verify the adequacy of any detail not completely shown on the contract drawings. All shop drawings shall be checked and returned within (to be negotiated with each task order) calendar days after day of receipt. Only qualified personnel who are thoroughly familiar with all phases of the project shall perform shop drawings reviewed.
- b. An approved representative of the A-E shall make site visits during the construction period. When a site visit is required in writing by the Contracting Officer or his duly authorized representative, such visit will be made. Directly after each site visit is made, a site visit report shall be made in writing describing the results of the visit, and shall be forwarded to the Contracting Officer. Such visits shall not exceed the number specified in each task order. A separate site visit will be authorized:
 - (1) For each representative of the A-E required at the site.
 - (2) For each day on which such representative of the A-E is required to be present at the site.
- c. Review proposed design changes, modifications, and value-engineering proposals submitted during the construction phase of the project for compliance with appropriate engineering and construction standards and adequacy of design.

(CENAB-CT-O)